

10th Congress of the Croatian Neurosurgical Society

FRIDAY, 9 OCTOBER 2026

08:30-08:45	OPENING - Opening ceremony and welcome addresses
08:45-10:35	MORNING SESSION I - Invited lectures & HND retrospective - Miroslav Vukić, Sergej Marasanov
08:45-09:05	Andreas Raabe - EANS 2025 guidelines on the surgical treatment of intracerebral hemorrhage - Invited - 20'
09:05-09:25	Jean Régis - Vestibular Schwannomas multidisciplinary management: where are we heading? - Invited - 20'
09:25-09:45	Ulrich Sure - Modern treatment of cavernomas - Invited - 20'
09:45-10:05	Dan Barrow - Cavernous Malformations: How MRI, the Microscope, and the Bench Created a New Field of Practice - Invited - 20'
10:05-10:25	Beverly Claire Walters - Utility of Top-Quality Survey Methodology to Answer Appropriate Neurosurgery Research Questions - Invited - 20'
10:25-10:35	Bruno Splavski - A brief retrospective of 30 years of neurosurgical scientific congresses of the Croatian Neurosurgical Society - Oral - 10'
10:35-10:50	COFFEE BREAK
10:50-11:20	Introduction of Honored Guest lecture, Miroslav Vukić, 5' Honored Guest lecture - Robert Spetzler - Management of spinal vascular lesions - 25'
11:20-12:00	MORNING SESSION II - Invited lectures - Chairs TBA
11:20-11:40	Jürgen Beck - Spinal CSF leaks and SIH - a novel neurosurgical realm - Invited - 20'
11:40-12:00	Volodymyr Smolanka - Surgery for temporal lobe epilepsy: does it require faster decisions? - Invited - 20'
12:00-12:20	SPONSORED LECTURE - GOLD SPONSOR - Sponsored lecture - title TBA - 20'
12:20-12:50	MORNING SESSION II - CONTINUED - Glioma: surgery, imaging & tumor biology - Chairs TBA
12:20-12:30	Goran Mrak - Microsurgical management of insular gliomas: a ten-year single-center experience - Oral - 10'
12:30-12:40	Hrvoje Vavro - 18F FET-PET in glioma follow-up: a game changer or just another player? - Oral - 10'
12:40-12:50	Mia Jurilj Sajko - Ceramide-centered metabolic reprogramming and ganglioside remodeling in human gliomas - Oral - 10'
12:50-14:20	LUNCH BREAK
14:20-15:50	AFTERNOON SESSION I - Spine, neurotrauma & CSF disorders - Chairs TBA
14:20-14:30	Jurica Maraković - Our experience with O-arm-based navigation in spinal neurosurgery: a 12-year single-center experience - Oral - 10'
14:30-14:40	Karlo Houra - Endoscopic foraminoplasty for patients with single level foraminal stenosis of the lumbar spine - Oral - 10'
14:40-14:50	Zlatko Kolić - Synergistic regenerative potential of platelet-rich plasma and microfragmented adipose tissue in degenerative disc disease: a biomarker-stratified phase 2B trial - Oral - 10'
14:50-15:00	Joško Bilandžić - MMA embolization as a stand-alone treatment for chronic subdural hematoma - single centre experience - Oral - 10'
15:00-15:10	Duje Vukas - Biomarkers and microbiome signatures in idiopathic normal pressure hydrocephalus: pilot study results - Oral - 10'
15:10-15:20	Marijan Klarica - Effect of craniectomy on cerebrospinal fluid pressure in different body positions in an experimental cat model - Oral - 10'
15:20-15:30	Klara Brgić Mandić - CSF biomarker dynamics during external lumbar drainage in iNPH patients as prognostic indicators for shunt responsiveness - Oral - 10'
15:30-15:40	Nenad Kudelić - Hydrocephalus revisited: implications of contemporary CSF physiology for neurosurgical practice - Oral - 10'
15:40-15:50	DISCUSSION
15:50-16:10	COFFEE BREAK
16:10-17:30	AFTERNOON SESSION II - Functional neurosurgery, epilepsy & radiosurgery - Chairs TBA
16:10-16:30	Bernard Bendok (online) - Title TBA - Invited - 20'
16:30-16:40	Darko Chudy - Deep Brain Stimulation in Disorders of Consciousness: Are We Setting the Agenda? - Oral - 10'

16:40-16:50	Niko Njirić - The impact of stereo-electroencephalography on the evolution of resective epilepsy surgery: a 16-year single-center experience - Oral - 10'
16:50-17:00	Dominik Romić - Radiofrequency thermocoagulation for trigeminal neuralgia: our experience and review of the literature - Oral - 10'
17:00-17:10	Fadi Almahariq - Direct targeting in deep brain stimulation: advancing precision through modern neuroimaging and technology - Oral - 10'
17:10-17:20	Marina Raguž - Personalized neuromodulation for refractory facial pain: from peripheral nerve to cortical and deep brain stimulation - Oral - 10'
17:20-17:30	Sergej Marasanov - Gamma Knife radiosurgery for WHO grade 2 meningiomas: single-centre Zagreb series - Oral - 10'

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SATURDAY, 10 OCTOBER 2026 | WFNS NEUROONCOLOGY EDUCATIONAL SYMPOSIUM

08:50-09:00	OPENING - Introductory remarks, Miroslav Vukić
09:00-11:00	WFNS NEUROONCOLOGY BLOCK I - Chairs TBA
09:00-09:20	Jürgen Beck - Molecular neurosurgery - intra-operative decision making for brain tumors - WFNS educational - 20
09:20-09:40	Basant Misra - Clival Chordoma: Choosing the Right Approach - WFNS educational
09:40-10:00	Kenan Arnautović - Giant and large pituitary adenomas: how to achieve gross total resection, improve vision and eliminate postoperative CSF leak - WFNS educational
10:00-10:20	Marco Fontanella - Surgery versus endovascular treatment for spinal dural arterio-venous fistulas: A multicenter experience - WFNS educational
10:20-10:40	Andreas Raabe - EANS 2025 guidelines on the surgical treatment of intracerebral hemorrhage
10:40-11:10	Honored Guest - Robert Spetzler - My Journey in Neurosurgery - 30'
11:10-11:30	COFFEE BREAK
11:30-12:00	SERVIER SPONSORED SYMPOSIUM - DIAMOND SPONSOR - 30' Advancing Glioma Care: Integrating Targeted Therapy into Neurosurgical Practice Speakers: dr. sc. Klara Brgić Mandić; doc. dr. sc. Ana Mišir Krpan Moderator: prof. dr. sc. Goran Mrak
12:00-13:20	WFNS NEUROONCOLOGY BLOCK II - Chairs TBA
12:00-12:20	Martin Smrčka - Transcranial surgery for craniopharyngiomas, contemporary concepts and surgical corridors
12:20-12:40	Ibrahim Omerhodžić - Transtentorial and transfalcine approaches for deep midline brain lesions
12:40-13:00	Roman Bošnjak - Managing intracavernous carotid artery mobilisation to expose the lateral cavernous sinus compartment safely
13:00-13:20	Nelson Oyesiku - Evolution and Revolution in Pituitary Medicine and Surgery
13:20-13:30	WFNS NEUROONCOLOGY SYMPOSIUM - Discussion and closing remarks
13:30-15:00	LUNCH BREAK
15:00-16:30	GENERAL CONGRESS SESSION - Technology, neurooncology, pediatrics & radiosurgery - Chairs TBA
15:00-15:10	Ilija Perutina - Frame or frameless? A five-year comparison of intracranial tumor biopsy techniques - Oral - 10'
15:10-15:20	Dario Josip Živković - Brain biopsy using the CIRQ robotic arm: a single-center experience - Oral - 10'
15:20-15:30	Jakob Nemir - Gamma Knife radiosurgery for brain arteriovenous malformations: a single-center experience - Oral - 10'
15:30-15:40	Marina Zmajević Schönwald - Double mapping of the motor speech cortex using preoperative navigated TMS and intraoperative direct cortical stimulation during awake glioma surgery - Oral - 10'
15:40-15:50	Vjerislav Peterković - Single center experience of endoscopic endonasal craniopharyngioma surgery - Oral - 10'
15:50-16:00	xxxx
16:00-16:10	Hrvoje Jednačak - Embryonal tumor with multilayered rosettes (ETMR): a single-surgeon experience - Oral - 10'
16:10-16:20	Miroslav Gjurašin - Neurosurgical treatment of pediatric Chiari I patients: balancing actual controversies and clinical decisions - Oral - 10'
16:20-16:30	Ivan Pašalić - Evaluating the impact of surgery on survival in melanoma brain metastases - Oral - 10'

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SATURDAY, 10 OCTOBER 2026 | RAPID-FIRE ORAL POSTER SESSION

16:30-17:30	RAPID-FIRE ORAL POSTER SESSION - 15 selected posters in three thematic groups of five, 3 minutes each, with 5-minute discussion after each group
16:30-16:33	Hrvoje Krpina - Early experience with unilateral biportal endoscopic lumbar herniated disc decompression: impact on length of hospital stay - Oral poster - 3'
16:33-16:36	Vjenceslav Vrtarić - First national application of the Medtronic Mazor robotic guidance system for minimally invasive spinal instrumentation in Croatia: initial clinical experience - Oral poster - 3'
16:36-16:39	Toni Radić - Effect of prolonged waiting lists on surgical decision-making in patients with isolated single-level lumbar disc herniation in elective cases - Oral poster - 3'
16:39-16:42	Hrvoje Barić - Should cervical spinal dural arteriovenous fistulas be considered a separate entity from thoracic and lumbar ones? Evidence from a meta-analysis - Oral poster - 3'
16:42-16:45	Sergej Mihailović Marasanov - Craniospinal cerebrospinal fluid volume changes after cranioplasty of an exceptionally large bilateral cranial defect: a case report - Oral poster - 3'
16:45-16:50	DISCUSSION - Group 1: Spine, vascular & CSF - 5'
16:50-16:53	Domagoj Gajski - Transsphenoidal endoscopic surgery for pituitary gland tumors: institutional experience - Oral poster - 3'
16:53-16:56	Klara Brgić Mandić - Clinical outcomes in low-grade glioma patients: a 12-year retrospective study - Oral poster - 3'
16:56-16:59	Andrej Desnica - Longitudinal cognitive outcome in synchronous IDH-mutant CNS WHO grade 2 and grade 4 astrocytomas of the dominant hemisphere: evidence of functional reorganization - Oral poster - 3'
16:59-17:02	Lana Maljković - Cognitive outcomes and functional recovery following awake craniotomy in a patient with multiple sclerosis and low-grade glioma: a case study - Oral poster - 3'
17:02-17:05	Petar Marčinković - From cysts to PTPR: a single-center journey through the spectrum of pineal region tumors - Oral poster - 3'
17:05-17:10	DISCUSSION - Group 2: Neurooncology & skull base - 5'
17:10-17:13	xxx
17:13-17:16	Miroslav Gjurašin - Neurosurgical treatment of craniosynostosis in children: importance of early diagnosis and clinical management - Oral poster - 3'
17:16-17:19	Ivan Konstantinović - Chronic subdural hematoma due to ruptured arachnoid cyst in an 11-year-old boy following minor head trauma: case report and literature overview - Oral poster - 3'
17:19-17:22	Niko Njirić - Vagus nerve stimulation for pediatric drug-resistant epilepsy: a single-center experience - Oral poster - 3'
17:22-17:25	Albert Haller - Anterior thalamic deep brain stimulation for drug-resistant epilepsy: the first Croatian experience - Oral poster - 3'
17:25-17:30	DISCUSSION - Group 3: Pediatric neurosurgery, epilepsy & neuromodulation - 5'
17:30-17:40	CLOSING REMARKS - Awards, acknowledgements and congress closure

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SATURDAY, 10 OCTOBER 2026 | SATELLITE NURSING SYMPOSIUM

08:30-08:40	OPENING OF THE NURSING SYMPOSIUM - Welcome and introduction
08:40-10:20	NURSING SYMPOSIUM BLOCK I - Perioperative nursing, technology & clinical practice - Chairs TBA
08:40-08:50	Lucija Mioč - Treatment options at the Department of Neurosurgery at University Hospital Center Zagreb - Nursing lecture - 10'
08:50-09:00	Sanela Seiter - The importance of professional experience and continuous professional development in the perioperative nursing care of neurosurgical patients - Nursing lecture - 10'
09:00-09:10	Vesna Svirčević - Technological Advances in Intraoperative Neurosurgical Care - Nursing lecture - 10'
09:10-09:20	Ivana Jozić - The impact of operating room nurse experience on the duration of complex spine surgery: Practice Makes Perfect - Nursing lecture - 10'
09:20-09:30	Tomislav Radoš - Instrumentation in neurosurgical robotic assisted spine surgery with Mazor - Nursing lecture - 10'
09:30-09:40	Iva Perić - The role of nurses in preoperative, intraoperative and postoperative care in endoscopic surgery - Nursing lecture - 10'
09:40-09:50	Marijana Rogulja - The effectiveness of epidural steroid injection in the treatment of painful spinal conditions - Nursing lecture - 10'
09:50-10:00	Patricija Škreb - Clinical manifestations, molecular mechanisms and surgical treatment of craniosynostosis - Nursing lecture - 10'
10:00-10:10	Maja Miletić - Modern treatment of medulloblastoma - Nursing lecture - 10'
10:10-10:20	Ana Uremović - Cerebrovascular diseases - Nursing lecture - 10'
10:20-10:40	MODERATED DISCUSSION - Questions, discussion and key messages from Block I
10:40-11:00	COFFEE BREAK
11:00-12:20	NURSING SYMPOSIUM BLOCK II - Neurocritical care, radiosurgery & neuromodulation - Chairs TBA
11:00-11:10	Maja Bepaljko - The use of the Glasgow Coma Scale in nursing practice for neurosurgical patients - Nursing lecture - 10'
11:10-11:20	Ljiljana Ešegović - Nursing care for patients during invasive neuromonitoring of patients with acute cerebral aneurysm - Nursing lecture - 10'
11:20-11:30	Lucija Mioč - Gamma Knife radiosurgery in contemporary neurosurgical practice from a nursing perspective - Nursing lecture - 10'
11:30-11:40	Jelena Sabljak - From tumor to neuralgia: indications for Gamma Knife radiosurgery - Nursing lecture - 10'
11:40-11:50	Martina Škrljac - Safety and accuracy in Gamma Knife radiosurgery - the role of RTTs - Nursing lecture - 10'
11:50-12:00	Petra Gazilj - Nursing care of patients undergoing deep brain stimulation for drug-resistant epilepsy - Nursing lecture - 10'
12:00-12:10	Branka Gabud - Nursing management during spinal cord stimulation implantation: percutaneous and paddle lead techniques - Nursing lecture - 10'
12:10-12:20	Nikolina Filipović, Diana Dragija - The first occipital nerve stimulator implantation in Croatia - the role of the operating room scrub nurse in a novel neuromodulation procedure - Nursing lecture - 10'
12:20-12:50	PANEL DISCUSSION - Practical conclusions and take-home messages
12:50-13:00	CLOSING REMARKS - Acknowledgements and symposium closure
13:00-13:30	BREAK / TRANSITION TO CONGRESS LUNCH
13:30-15:00	CONGRESS LUNCH BREAK